

2005 CITA CONFERENCE

'Global Perspective on Roadworthiness Enforcement'

WORKSHOP #2 - CONCLUSIONS

Questions & Answers with Experts

On the use of OBD in the USA

24 – 27 May 2005
CHICAGO, Illinois, USA

PAPERS PRESENTED

- OBDII Compared to Tailpipe Emissions
Tom Fournier – Applus+ Technologies, Inc.
- Common OBDII Issues Facing I/M Equipment Providers
Dan Sampson – SPX Corporation
- OBDII Current Implementation and Future Concepts
Arvon Mitcham – U.S. EPA

SPEAKER SUMMARY

T. Fournier - OBDII vs. Tailpipe Tests

- OBDII failure rates are not excessive
- OBDII does find more failures than tailpipe
- Repair success is better with OBDII
- No single OBDII trouble code dominates
- Seven trouble code category groups accounted for 51% of all failures

SPEAKER SUMMARY

D. Sampson - Common OBDII Issues

- OBDII encompasses 7 ISO specifications and 5 protocols
- Not all vehicle manufactures follow OBDII specifications in the same way
- States add variability to OBDII inspection procedures
- Provided tips for governments and equipment manufacturers

SPEAKER SUMMARY

A. Mitcham - Current & Future OBDII

- Overview history and mission of OBDII
- OBDII now in 29 state I/M programs
- New 8-hour standard means more I/M
- The future is likely wireless/remote OBD
- Better convenience, efficiency & cost

COMMENTS & CONCLUSIONS

Group discussion results

- How do we deal with vehicle manufacturer variance to government OBDII specifications? (Tool customization vs. vehicle recall.)
- Is it fair to make shops continually buy new OBDII scan tool to accommodate OBDII specification changes & V.M. variances? (Thus far most changes are software)

COMMENTS & CONCLUSIONS

Group discussion results

- Some surprise about the number of evaporative system failures found with OBDII
- Concerns raised about OBDII on vehicles in Europe and Finland
 - Communication errors
 - Readiness monitors
 - Reliability of results

THANK YOU

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